

केन्द्रीय मुहर विभाग -2

संदर्भ :- केमूवी-2/16:2002

19 09 2024

विषय: संशोधित IS 2002:2024 के अनुपालन के दिशा निर्देश

यह उपरोक्त विषय के संदर्भ में है।

सक्षम अधिकारी द्वारा अनुमोदित दिशानिर्देश अनुपालन हेतु संलग्न है।

सभी क्षेत्रीय/शाखा कार्यालयों से अनुरोध है की दिशानिर्देशों का तत्काल प्रभाव से अनुपालन सुनिश्चित करें।

शिवम आहूजा
वैज्ञानिक सी

प्रमुख (केमूवी 2)

सभी क्षेत्रीय/शाखा कार्यालय/प्रयोगशालाएँ/MTD/LPPD

CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16:2002

19 09 2024

Subject: Guidelines for implementation of Revised IS 2002:2024

This has reference to the subject mentioned above.

The Competent Authority has approved the enclosed Guidelines for implementation.

All ROs/BOs are requested to ensure the implementation of the above Guidelines with immediate effect.

(Shivam Ahuja)
Scientist C

Head (CMD-2)

All ROs/BOs/Labs/MTD/LPPD

CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16: 2002

19 09 2024

Subject: Guidelines for implementation of Revised IS 2002:2024(Steel Plate for Pressure Vessel for Intermediate and High Temperature Service Including Boilers- Specification)

1. This has reference to the above.
2. IS 2002:2009 has been revised as IS 2002:2024 and the date of withdrawal of IS 2002:2009 is **25th January 2025**.
3. The significant changes in the revised Standard as listed in the Table are given for the purpose of general guidance. BOs shall ensure that the product conforms to all the requirements, as applicable, as per the revised Standard.

Clause(s) as per IS 2002:2024	Change
5 Grades	A new clause specifying Grades covered in the standard has been added. Subsequent clauses have been renumbered accordingly.
6.1.4 Manufacture	A new clause has been added giving reference of IS 14650:2023 (Unalloyed and Alloyed Steel Ingot and Semi-finished products for Re-Rolling purposes – specification) for conformity of steels used for manufacturing of the product
6.2 Manufacture	A new clause has been added specifying minimum reduction ratio of slab to plate thickness in case of rolling of Continuously Cast Slabs
6.2.1 to 6.2.7 Manufacture	Conditions for permitting lower reduction ratio than that specified incl.6.2 have been specified
8.1 Heat Treatment	The clause has been modified to specify Heat Treatment supply conditions for Plates above 50 mm in thickness and Plates below 50 mm in Thickness separately.
10 Dimensions and Tolerances	Clause has been modified to specify nominal dimensions and tolerances of levelled and flattened plates that have been cut to length from a coiled product and plates as-rolled from the slab or directly, separately
13.2 Tensile Test	Clause has been modified to state that the Tensile Test can be carried both using proportional gauge length ($L_0=5.65\sqrt{S_0}$) or with a non-proportional gauge length. Conversion of elongation values in case of use of non-proportional gauge length has also been added.
14 Bend Test	Cl.13.2.1 of IS 2002:2009 has been omitted

16 Ultrasonic Testing	Clause has been modified to state that the Ultrasonic Test shall be carried out in accordance with IS 11630 or equivalent national/international standard. Requirements of the test carried out as per IS 11630 have been specified in clauses 16.1.1, 16.1.2 and 16.1.3. Acceptance Standards for the test have been specified under cl.16.2.
20 Tolerances on Shape and Dimensions	Clause has been modified to state that the tolerances on dimensions and shape shall be as per IS 16998.

4. Consequent upon the issuance of the revised Standard, the existing product manual of IS 2002 has been revised which is being circulated separately.
5. The guidelines for implementation of the revised Standard is given below:

A. LICENSEES:

i) For switchover to revised standard, Licensees shall submit evidence of conformity to the additional/modified requirements through In-house/Independent Test Reports.

ii) All Licensees shall implement the revised Standard by **25th January 2025**. Any difficulty in implementation shall be brought to the notice of CMD 2 at the earliest but in any case at least 30 days before the last date of implementation. BOs shall ensure that no Licences are under operation as per old Standard after **25th January 2025**. **The status of implementation of the revised Standard shall be confirmed by Head (BO) to CMD-2 within two weeks of the last date of concurrent running.**

iv) BOs shall plan an early surveillance visit for verification of the implementation of the revised standard preferably within 30 days of switchover by the licensee.

B. APPLICATIONS FOR GRANT OF LICENCE:

1. Existing Applications where Sample has been submitted in the Laboratory/Test Report has been issued by the Laboratory may be processed as per the old Standard. However, if the Applicant is desirous of considering the Application as per the revised Standard, a declaration may be obtained from the Applicant to that effect and the Application may be processed accordingly. An undertaking shall also be obtained from such Applicants that if the sample fails in new test requirements, Licence will not be granted by BIS as per the old version.
2. Applications which are recorded henceforth may be processed as per the old Standard or the revised Standard. Processing of Applications as per the old Standard shall be permitted only up to **24th January 2025** and for such cases Applicant shall give a declaration that they will implement the revised Standard by **25th January 2025**.
3. Beyond **25th January 2025** no Licence shall be granted as per the old Standard.

C. CHANGE IN SCOPE OF LICENCE:

1. For change in scope of licence, the relevant provisions as given above for Applicants shall apply.
2. However, processing of such applications for change in scope of licence as per the old Standard shall be permitted only up to the date of implementation of the revised Standard or up to **25th January 2025** whichever is earlier.
3. The above guidelines come into force with immediate effect.

Shivam Ahuja
Sc. C

Head (CMD-2)
DDG (Certification)
ROs/BOs